

LENESS, CAPTAIN OF TRACK, WINS TECHNIQUE'S CUP

Is Awarded Trophy For High
Point Totals in Last
Track Season

HOLDS THE "880" RECORD

His 81 Point Total Sets New
Record in Technology
Track Scoring

George J. Leness '26, Captain of the 1925-1926 Track Team, was awarded the Technique trophy for his track work during the past season, at the All Technology Smoker Friday evening. He scored a total of 81 points in the six meets in which he participated, a larger number than any previous holder of the cup has accumulated in any one season. The Technique Cup, as its name indicates, was placed in the hands of the M. I. T. Athletic Association by Technique, the year-book, several years ago. It is awarded to the track man who scores the largest number of points in the preceding track season, and its award has come to be a regular feature of each All Technology Smoker. The presentation was made by K. S. Lord '26, President of the M. I. T. A. A. Leness's specialties are the half and quarter mile, although he has run the longer distances. He won the "880" at the N. E. A. A. U. meet on Tech Field last spring with the official time of 1min. and 55 sec., a record for that association.

In the Intercollegiate at Philadelphia, he ran a much faster half mile than in the New England meet, but as he finished second, there is no official record of his time. He was captain of the relay team and took the anchor position in every meet. He is credited with the M. I. T. A. A. records in both the "440" and "880." Coach Oscar Hedlund says, "To my mind, he is the most brilliant quarter miler that M. I. T. has ever had."

The total of 81 points was won when Leness took the following places in the six meets: first in the half mile at the N. E. A. A. U. meet; second in the half mile at the I. C. A. A. A. meet; first in both the half and quarter at Cornell; first in the half mile at Princeton; first in the half mile in the Inter-class meet; and second in the half mile in the Harvard meet.

Leness did not come into prominence as a runner until last season, and as he graduates next June, this season will be his last opportunity to run for Technology. He is taking Course I-3, Springfield, Massachusetts is his home.

PROFESSOR LINDGREN TO SPEAK TO MINERS

The Mining Engineering Society this year is planning a novel program for the mining engineering students, which will be of considerable interest according to W. H. Callahan '26, president of the society. Approximately sixty men of this course are eligible for membership, all of whom are urged to come out.

At the first meeting on October 28, 1925, Dr. Waldemar Lindgren, Head of the Department of Geology, will deliver a talk on a very interesting topic. At present, Dr. Lindgren is engaged in a geological expedition of national importance. In the latter part of November a smoker will be held by the Boston Section of the American Institute of Mining Engineers which is constituted by the Harvard, Tufts and Technology Mining Societies. Figures of national prominence are expected to be present.

1925 High Point Man



G. J. Leness '26

Chances Good For Hotly Contested Field Day Events

Freshman Class Shows Interest
In All Teams Except
Tug of War

According to C. C. Shotts the manager of the freshman football team for field day, the team is gradually developing into a smooth aggregation. About twenty men are showing up regularly for practice and although most of the men have played before and have uniforms more equipment is still needed. All last week the men were practicing the rudiments of the game and this week intensive signal practice and scrimmaging will be carried on.

The men have not as yet shown quite as much pep as they should especially in the matter of showing up for practice on time. If more interest is shown, it is believed the freshman have a good chance of putting a heavy and strong team on the field against the Sophomores. Remember that field day is only a few weeks off and that this Saturday there is a game with St. John's at which time the team will be given a good chance to test out its field day chances.

If there is strength in numbers then the freshman ought to walk away with the crew events for there are over a 100 men reporting for practice regularly. However the Sophomores have the advantage in that the men are used to rowing with each other and they can be beaten only by a crew of heavier and faster rowers. The freshman out of 100 men should be able to get 16 clever oarsmen to make up a first and second crew that should sweep the Sophomores off their feet.

In the tug of war the frosh have fallen down most miserably and unless more men show up for practice the team on field day will be a hopeless farce. As a matter of fact, the coach of the team is doubtful, if there will be a team at all by the way things are going now. All freshman who are heavy or medium weight should step over to the track field tonight and start practicing immediately.

Track is the Waterloo of the freshmen, for it is in this sport that they are showing the greatest laxity, with a mere handful of men reporting nightly for practice. As there are 12 men on the relay team it is very necessary that more sign up for that event.

Professor W. G. Whitman's Work On Adsorption Considered Authoritative

Since the announcement of the results of research work on adsorption by Professor W. G. Whitman '17, many of the ideas and theories formerly used to explain that phenomenon have been discarded. According to Professor W. K. Lewis '05, head of the Department of Chemical Engineering Professor Whitman's work is coming to be accepted as the best in this field. The work was carried on in the Research Laboratory of Applied Chemistry during the past year, and the results published last summer.

Wide usage of the principle of adsorption is made in Chemical Engineering, among the products depending greatly on it being the best volatile gasoline, ammonia, benzol, and high grade sulphur dioxide used in refrigeration. It is expected that on the basis of Professor Whitman's work many commercial processes involv-

FAMOUS ENGINEER WILL BE FRIDAY'S ALDRED LECTURER

John Hays Hammond Will
Start Aldred Lecture Series
Friday Afternoon

INVESTIGATED COAL LAW

John Hays Hammond, who will give the first Aldred Lecture next Friday, has recently attracted public attention as chairman of the Coal Commission appointed to investigate the condition of the coal industry in this country. Hammond has received considerable criticism from the press for his denunciation of certain Pennsylvania state laws pertaining to mining of coal.

Though primarily one of the foremost mining engineers in this country, he has always shown a good deal of interest in public affairs. While looking after mining interests in South Africa he was one of the leaders in a Transvaal reform move which resulted in the famous Jameson Raid. In 1908 he received considerable support as Massachusetts candidate for the Vice Presidency and in 1910 he was sent to England as special representative of the United States at the Coronation of King George V.

The lecture Friday will be at 3 o'clock in room 10-250 and, though intended for Seniors and Graduate Students, others interested are invited to attend. The Aldred series consists of 8 or 10 lectures every other Friday through the year, and Seniors and Graduate classes are omitted during the hour.

The speaker has made a deep study of the American system of education, and does not find it without defect. He says, "You can produce automobiles under a system of standardization, but it is no way to produce men." Under the prevailing method the college man is losing his individuality, according to the lecturer, and is becoming a victim of uniformity.

DEBATING TEAM WILL BEGIN WORKING SOON

Meets Scheduled With Many
New England Colleges

Training for the Institute debating team will begin early this fall for its opening debate in December. The team will have at least two men from last year's team, J. C. Evans G. and J. W. Sullivan G. of last year's team. It is possible that W. C. Asbury G., former captain of the debating team, will be available this year. Captain-elect W. S. Livingstone '27 will be unable to represent Technology, having transferred to Harvard.

Although there has been a debating team here for only the last three years, it has contested with creditable success teams whose experience runs back for half a century. Last year the M. I. T. debaters met Maine, Oregon, Dartmouth, Yale and Union. At present negotiations for debates are pending with Boston University, Dartmouth, Brown, Yale, and Harvard. It is planned to arrange for meets with Boston College and Maine.

A formal call for candidates will be issued shortly so that intensive training will begin shortly after Field Day.

Student Injured As Cars Crash Head On

Included in the week-end casualty list of auto mishaps was the name of an Institute man, H. K. Friedman, a Sophomore in Course XV2. Friedman, with a companion, was riding in a large sedan over the state road at Northampton when their machine struck the rear of a car in front of them which they had attempted to pass, and then crashed head on into another car going the opposite way. The sedan was overturned and the top had to be cut off to extricate the two victims. Both men received numerous cuts and bruises which were treated at the Clark Surgical Hospital of Holyoke. The accident occurred last Saturday.

T. C. A. IS HOST AT COUNCIL MEETING

20 Colleges are Represented
—Fraternities Furnish
Accommodations

At the annual fall Conference of the New England Field Council, held Saturday in the Herrick House of the Mount Vernon Church, Boston, the Technology Christian Association acted as host. The Conference was in charge of Sewall Emerson, Chairman of the Bible Study at Yale. Technology's official delegates were: J. H. Wills '26, D. C. Hooper '26, C. C. Shotts and W. M. Ross.

The Field Council consists of one undergraduate and the Secretary of the Christian Association from each New England College. A total of 44 delegates were present from 20 colleges, not including 22 representatives from 12 girls' colleges who were present at the luncheon on Sunday.

Several matters of vital interest to the Student Movement in New England were discussed. It was decided by the delegates to promote and cooperate with the movement to educate students in international affairs, centering around the World Court, by means of lecture and discussion groups. A joint conference of men and women on "The Christian Way of Living" will be held February 12 to 14 at Northfield, Massachusetts, the total number of delegates being limited to 125.

Local plans were made by W. D. Birch '27, Director of Social Service, and arrangements were made with the fraternities for accommodations and entertainment of the delegates. J. M. White '28 directed the placing of the delegates.

CHEMICAL MOVIE TO BE ON NATURAL GAS

Natural Gas will be the subject of the moving picture to be given Friday at 4 o'clock, in room 10-250 by the Organic division of the Department of Chemistry. This division will exhibit moving pictures of various organic chemical industries at intervals through the year, and at present is giving a series dealing with the industries associated with petroleum.

The picture given last Friday was entitled, "The Story of Petroleum," and Friday, October 23, will be presented a similar film on gasoline. These films are loaned by prominent chemical companies and government bureaus and though intended for students in chemistry as a supplement to regular class room instruction, they are of general technical interest and are open to anyone interested.

MENORAH WILL MEET TONIGHT IN WALKER

The first smoker of the Menorah Society will be held in the North Hall of Walker this evening at 7:30 o'clock. All Jewish students at Technology are invited to attend.

Henry Hurwitz of New York, Chancellor of the Intercollegiate Menorah Association, will speak. The Menorah Society, which is dedicated to the advancement of Jewish culture and ideals, has, as the official Jewish organization at Technology served to acquaint the Jewish students with each other, and with the Jewish girls at neighboring schools.

FRESHMAN DINNER PRECEDING SMOKER IS WELL ATTENDED

Speakers Try to Show New
Men That Activities Are
Valuable

UPPERCLASSMEN ARE OUT

Many Technology Men Attend
Smoker in Spite of Bad
Weather

Attired in appropriate green hats the freshmen together with a moderate representation from the upper classes thronged Walker Memorial at the All-Technology Smoker last Friday night. The unfavorable weather did not at all dampen the enthusiasm of the first year men at the banquet which had been planned for them. They arrived in sufficient numbers to fill the dining hall to capacity.

Following the dinner M. M. Greer '26, chairman of the committee in charge of the program, presented Dr. A. W. Rowe '01 to the freshmen. Dr. Rowe made a brief address in which he encouraged the new men to participate in some form of the Institute activities. He explained how field day had crystallized from an ordinary fight between the two lower classes into the present annual competition in football, track, crew and tug-of-war.

H. D. Peck '13 was the next speaker, his subject being the Institute undergraduate publications. By outlining the work of each of the four publications, namely, Tech Engineering News, THE TECH, Technique, and Voo Doo he showed the freshmen what advantages were available to them.

Main Gathering Opens
The value of the Musical Clubs and Tech Show to undergraduates was discussed by the next speaker, Professor R. E. Rogers of the English department. According to Professor Rogers the students in these activities derive more sheer pleasure and general fun than those in any of the other activities. He explained that these activities were different from the rest in that freshmen might hold leading positions as well as members of the upper classes.

After the speeches, a three round exhibition of boxing, the first part of the general program of entertainment, was attended by members of all the classes. At the completion of this there was a general rush for front seats in the main hall. After the movies, which now followed, had been shown, O. B. Dennison '11, Secretary-Treasurer of the Alumni Association, entertained the gathering with a selection of favorite songs, including the popular "Three Brass Balls" and led the assembly in singing "Take Me Back to Tech."

President Stratton followed with a brief address of welcome, as announced by the program. He officially welcomed the Class of 1929, and (Continued on page 4)

ALUMNI IN MEXICO FORM FIRST CLUB

Formation of the Technology Club of Mexico, a new local alumni organization with headquarters in Mexico City, has been authorized by the executive committee of the Alumni Association according to O. B. Denison, '11 secretary-treasurer.

The new club was started in Mexico City with a charter membership of 24 alumni. This latest acquisition to the group of the Institute's clubs grings the number of active organizations to 52 in the United States and seven outside the country.

The officers of the new club are: S. E. Altamirano '09, manager of the General Electric interests in Mexico City, President; Scott '22, of the Ingersoll-Rand Co., Secretary-Treasurer; and Dr. M. S. Vallarta '21, a Research Associate in the Institute Physics Department, and a native of Mexico City, representative on the Alumni Council.

CALENDAR

Wednesday, October 14
7:30—Menorah Society smoker, North Hall, Walker.
Thursday, October 15
5:00—C. P. S. Meeting, room 3-312.
Friday, October 16
3:00—Aldred lecture in room 10-250.
4:00—Chemical Movies in room 10-250.
8:00—E. E. Society meeting, North Hall, Walker.

Several openings for men interested in photography are now available in the features department of THE TECH. The work consists mainly in obtaining pictures of interest about the Institute and preparing the rotogravure sections. Any men who are interested are requested to see the Features Editor, Room 3, Walker Memorial, some time this week.

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E. J. Gohr '26

NOTE ON THE SMOKER

WITH a great deal of satisfaction we have noted the general esprit de corps of the freshman class, and in no sense did the Smoker Friday night change or diminish our estimate. The new men responded in an excellent manner and made the Smoker one of the best that we have attended. The general atmosphere of the Smoker was indicative of the trend of things these days toward a finer and more active attitude among undergraduate groups. Field Day quotations in the futures market have consequently taken a bullish trend.

As for the management of the Smoker we have but two things to say. First, that in general it was an excellently planned Smoker. Second, and in exception, the introducing of the vaudeville skit was unfortunately timed, and more, was totally irrelevant to the occasion. It was crass, cheapening, and totally foreign. Following as it did the appearance of the President it was an offense against dignity and a bizarre and unfortunate change of tempo. It is sincerely hoped that no other Smoker will have a similar incident on the program. There are too many appropriate forms of entertainment to bring in material such as the vaudeville was.

JINGOISM

IN LAST Wednesday's issue of THE TECH there appeared a short news story regarding the visit to the Institute of a group of German students, visiting this country to study our methods in education and industry. That visit is a lesson in one valuable aspect of higher education that is frequently overlooked—tolerance.

In France and Germany, while the politicians of the two countries are snarling at each other and the majority of the people, misled by these politicians, fear each other, university students are setting a splendid example in the forgetting of enmities.

To the hundreds of Germanic students in French universities and the hundreds of French students in Germany, their nationality is a handicap only so far as it makes difficult their understanding of the language, and no farther. The fellowship of student communities is able to rise above national bigotry; and indeed, the cosmopolitan character of the colleges of today stands as evidence of that fellowship.

This visit of the Germanic students to America, and the fact that they have met with absolutely no indication that seven years ago their country and ours were at war, in any college they have visited should serve as a lesson to the Jingoists who are looking for a mailed fist behind Germany's exterior. College students know enough to be broadminded.

WILDE VERSUS SHAW

IT IS an interesting fact that four different periods of English literature have each been dominated by an Anglo-Irish humorist—the early eighteenth century by Dean Swift; the end of that century by Richard Brinsley Sheridan; the last quarter of the nineteenth century by Oscar Wilde; and the period since then by Bernard Shaw. The coincidence is even more striking when it is remembered that the three last are best known for their plays.

But beneath the surface of similarity, particularly between Wilde and Shaw, there is a fundamental difference that soon becomes apparent. True, both are playwrights primarily, and both are noted for their scintillating wit; but there the resemblance ends.

Wilde believed that "all art is useless," and that the purpose of any art, including literature, was simply to give pleasure. Bernard Shaw, on the other hand, conceives literature, and especially drama, as a medium for conveying great truths to people who will not listen to those truths in a sermon or lecture.

A striking contrast is also evident in the lives of the two men. Wilde, who declared he would not attempt to change the world in the smallest degree through his writings, was continually defying convention in his life; and eventually, because of this defiance, he was forced to leave England. Shaw, on the other hand, while proposing to reform the world, himself never does anything unconventional beyond a few little eccentricities like vegetarianism.

Of course, it is still a debatable question whether the "art for art's sake" doctrine of Wilde, or the Shavian principle of "art for the sake of the lesson it may convey" will prevail. But it is worth noting that from Boccaccio's violent attack on the church in the fourteenth century, down through Samuel Butler and Bernard Shaw, most of the great figures in our literature take the Shavian viewpoint.



There is only about three weeks remaining now before the fatal day when the electorate of Boston at the polls will overwhelmingly elect the Loungeur mayor for a four year term. In anticipation of that event, he is making plans for the conduct of his work during his term of office.

In the first place, he intends to continue his Institute course, and leave the carrying on of city business to the same staff of civil service employees that has borne the burden for years. Like other mayors of Boston, he will see that his private business does not suffer, and will take whatever graft he can get from the city.

It goes without saying that he must have a new Fire Commissioner, as Teddy Glynn has the effrontery to set himself up as a rival for the mayoralty. And can you imagine the supreme nerve of the man, boasting that he intends to perpetuate Curley's policies! And of course a new City Treasurer—John Curley, like Caesar, is too ambitious. Unfortunately the positions of Miss Curtis, Tom O'Brien, Sheriff Keliher, and W. T. A. Fitz are unassailable by the mayor.

After mature deliberation it is obvious that there is only one possible appointee to each position by a loyal Technology man—Major Smith in Teddy's place and Uncle Horace in the position which the rebellious member of the Curley clan must vacate. Unfortunately he must here break with tradition by appointing men to the position on the basis of competence—but where could he find an Institute man who is not eminently competent to fill any position under the city government?

As election day approaches, and more and more people pledge their support to the Loungeur, he becomes even more certain of winning. He intends soon to start negotiations for Phosphorus' support—the only thing lacking to guarantee his election. To the Loungeur,

Dear Sir: As secretary of the Independent Society of Back Bay Women Voters, many of whose members you undoubtedly know, permit me to assure you of the support of our organization in your campaign for the position of Mayor of Boston. At our last meeting the vote was practically unanimous in favor of your candidacy, particularly in view of your platform plank promising to free the Back Bay from the clatter and noise of raiding vice squads.

Sincerely yours,
Imogene.

The above is just a sample of the hundreds of letters the Loungeur is receiving every day assuring him of the support of powerful civic organizations of Boston. He has not yet persuaded any of his rivals to withdraw in his favor—but if O'Neill, with John F. Cole, Logan, Endicott, Foss, Gaston and a dozen other leaders behind him can't make a break in the Democratic ranks, how can the Independent Loungeur?

THE OPEN FORUM

Contributions to this department are welcome and it is the desire of the Editor to give it a more extended scope. Communications must be signed or they will not be considered for publication and must be in the office of THE TECH by 4 P. M. preceding an issue. It is to be distinctly understood that what is printed here is not necessarily an expression of editorial opinion. Communications of an undesirable nature will not be printed.

To the Editor:

Is "Tech Spirit" waning or increasing? Surely a most vital question to those who cherish the thought that the Institute does have student spirit.

If it is waning, why can't we bolster it up? Or if it is not, why can't we make it stronger?

There is one small suggestion that I shall make and hope it will not be misunderstood and taken as a criticism. Why can't THE TECH take the attitude that everything is going well with activities, etc., but we want them to go better? Instead of "putting on the dampers" let's "put on the draught" and stir up the smoldering spirit into a roaring enthusiasm among the student body, especially the freshmen. Even if imaginative, an "esprit de corps" stirs up a desire among people to be part of it.

Why, not have more freshman feeds and get-togethers?

(Signed)
HARLAN R. JESSUP '28.

Editor's Note. The editorial policy of THE TECH is in thorough agreement with the ideas in the above letter. The communicant is obviously unaware that since the opening editorial of the year there has been a constant emphasis on the upward trend of the cycle of undergraduate interest. In particular we call his attention to the issue of Wednesday, Sept. 30, in which appeared a summary of THE TECH'S opinion on several matters. We are trying to boost in every way every organization and endeavor worthy of it, even to the extent of point-

As We Like It

COPLEY

Porter Emerson Browne's "The Bad Man" is again in Boston. This week it is being played at the Copley Theatre with Alan Mowbray again in the role of Pancho Lopez, the bandit chief. The presentation of this comedy success at the Copley Theatre last year met with such approval that Mr. Clive has found it necessary to yield to the many requests of giving "The Bad Man" another run on the Copley stage.

Alan Mowbray does splendidly the leading role and is well received as the care free, philosophical "general" of a bandit group. He is supported by a capable cast. Morris Carnovsky, a new figure at the Copley, gives a realistic performance as Morgan Pell, a ruthless oil prospector. His wife is well played by Katherine Standing. Terence Neill portrays the bashful lover.

Although the plot is based upon the old, old story of the mortgage and the apparent ease with which it is foreclosed, the clever humor and unusual philosophy of the bandit chief makes one forget the time worn theme.

C. Wordley Hulse gives a genuine interpretation of the old uncle, with the New England accent and the firm conviction that Bangor, Maine, is the only city in all the world. The fact that he hasn't tasted a clam for "high onto seven years" seems, more than anything else, to make him generally disgruntled with the world.

In all, "The Bad Man" is an extremely well executed bit of work, and should amply meet with the approval of those who have requested its being repeated on the Copley stage.

C. E. M.

OTHER PLAYS

CASTLE SQUARE: "Able's Irish Rose." Farcial comedy of races.

COLONIAL: "Ziegfeld Follies."—Last two weeks of this revue.

COPLEY: "The Bad Man."—Reviewed in this issue.

HOLLIS: "Young Woodley."—Glen Hunter does nobly.

MAJESTIC: "Rose Marie."—Musical Show of the bold northwest.

PARK: "The Show Off."—George Kelly's American Comedy.

PLYMOUTH: "The Gorilla."—Mystery plays ridiculed, yet copied.

SHUBERT: "The Student Prince."—De Wolfe Hopper draws many a laugh.

TREMONT: "Seventh Heaven."—Good melodrama of Parisian slums.

WILBUR: "What Price Glory."—A humorous and savory war play.

The Loungeur has added another plank to his platform. Those of you who were at the Smoker last Friday and saw his political advertisements posted up all over Walker already know what it is. The Loungeur has discovered that census figures show 1.2 women to every man in Boston. He promises, when elected, to see that every man gets his share.

Food Was Favorite Subject Discussed In Past Vacation

Socrates, or Lucretia Borzila, or some ancient philosopher, once expressed the opinion that the easiest way to a man's heart was through his stomach. But the ancient philosopher might change his mind if he had witnessed the gastronomic sufferings of the average college man, and wonder how it were possible for a man to have any love or respect for his Alma Mater, after eating the atrocities foisted on his stomach in the form of food.

If the stories told by vacationing students were true, the various institutions of learning are in a nefarious plot to starve the undergraduates. According to the observations of this reporter the sound of the hammer busily engaged in knocking matters of diet replaced the voice of the orator lauding the unbeatable snowball team of dear old Siwash, during the past summer. The only faint word of praise was from a student waiter who naively remarked that the waiters always had good food.

Not only did the colleges maintain a compulsory Commons have their dining service belittled, but insinuations were openly made that Technology was among the offenders. However, these were probably made by loyal youths determined to outstrip the basis of many complaints, and have been since time immemorial. Not so many years ago the Harvard freshmen made vigorous protest over their abundance, even though most waiters are about their state.

The means of thwarting the alleged starving is apt never to be found since no two men agree on a panacea, and it would be very difficult to supply a popular enough topic to replace it.

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MORE MEN NEEDED FOR FROSH RELAY TEAM

Sophomores Showing Up Better Than Yearlings

While other Field Day sports are issuing their daily call for more candidates, the management at the track house is utilizing every known method for getting the men out for the relay race, which is one of the important events on November 6th, the date set for the annual renewal of hostilities between the two lower classes.

Up to and including the practice yesterday afternoon there has been no single night when the freshmen have had enough men out on the cinders to make up a complete relay team. Coach Hedlund says that not only is it necessary that more men report for the relay squad but if the frosh have the slightest intentions of leading the second year flyers to the tape, it is imperative that those men who have already signed up for the event, snap out of their state of semi-laziness and report consistently for their nightly paces.

According to the reports which have been gleaned from the spasmodical appearances of the yearlings it is evident that there is enough material in the entering class to make the pace hot for the Sophs, but without consistent practice this strength can not be used to advantage. Among the men who have been coming out during the first two weeks of practice are Barrington, Hogan, Jacobs, Kough, Hayes, Pankratz, Keyser, R. Roberts and P. N. Williams.

As a contrast to the feeble efforts of the class of '29 to muster relay flyers, is the showing which the Sophomores are making with approximately 12 men out on the cinders practicing bursts and starts under the direction of Os Hedlund. While all of the freshmen are new to the track world at Technology and hence their ability to travel over the cinders is at present an unknown quantity, the Sophomores are all veterans of last year's frosh outfit who are capable of fast time in the 220.

With the relay men working out on the cinders and the cross-country outfit traveling over the harrier course, Coach Hedlund is one of the busiest men on Tech Field. As it is yet two weeks before the trial test of the hill-and-dalers at Durham, New Hampshire, when they stack up against the harriers from the White Mountain state, it is a bit hard to predict the calibre of the Cardinal and Gray outfit but unless something unexpected happens everything promises for a banner season.

The first time-trials of the year will take place next Saturday afternoon over the Belmont course and as it is not yet known who will make up the varsity outfit, it is pretty certain that the nucleus of the first string aggregation will be picked from the following men: Capt. Rooney, Akerley, Ostberg, Chute, Rick, Kirwin, Butler, Davidson, Hooper and Grossman.

WRESTLERS HOLD WORKOUTS IN GYM EVERY AFTERNOON

Mats Have Been Re-Covered And Placed in Position For Winter Use

VARSITY IN NEED OF MEN

Although official practice for the wrestling team does not start until immediately after Field Day, members of last year's squad are in the hangar gym practically every afternoon limbering up their muscles and getting used to the feel of the mats after a summer of absence from the grappling game. Jim Alexander and his group of groundkeepers have been busy getting the mats into condition for the winter season. All of them have been thoroughly disinfected and re-covered with clean canvas so that all danger of the skin disease which threatened the members of the wrestling squad last spring has been removed.

It looks just at present as if the matmen might go through their first week or two of practice without the services of a coach, for since the former mentor Cyclone Burns passed in his resignation papers as coach of the team, there has been no new man engaged. However Manager James reports that there are several men lined up for the job and he hopes to have someone on hand for the first official practice, if possible.

The loss of Burns has been keenly felt by everyone connected with the wrestling squad because "Cy," as he was generally known, was not only a good coach but an ideal type of athlete with the ethics of true sportsmanship instilled in him.

In one respect the wrestling team is no exception to the general run of sports here at the Institute, that is that the predominant feature of the entire outfit seems to be the great scarcity of men. However, the grappling outfit is a little bit worse off than the others, because practically all of last year's varsity team was lost by graduation. This leaves many holes to be filled in the various classes so that there is an excellent opportunity for candidates to qualify for positions on the varsity outfit.

Manager Maurice James has arranged a particularly stiff schedule for the coming season with many of the prominent New England colleges appearing on the list. Coming as a climax to the schedule is the New England Intercollegiate, which are to be held this year at Technology. This meet has for entries such teams as Harvard, Yale, Brown, Tufts and Williams so that to win this tournament gives the successful college a clear title to the championship of New England. In 1924 the Engineer outfit came away with first honors, but last year they were forced to concede first and second place to Harvard and Brown respectively, finishing in third position.

During the winter a freshman team is maintained with a schedule of prep schools and yearling teams from other colleges. This sport may be substituted for Physical Training, the bane of the frosh, and furnishes the men with a fine opportunity for all round development.

Intercollegiates

Invisible light is opening up a new field for the transmission of secret signals in warfare and for detection of chemical frauds and forgeries, says Dr. Robert W. Wood, Professor of Experimental Physics at Johns Hopkins University.

Infrared rays, the long light waves which ordinarily produce no color sensation to the eye, can be employed, he explained, in military signal lamps for flashing signals which can be seen only by observers using field glasses equipped with a special screen similar to that in the lamp.

"Signals can be transmitted in this manner in full sunlight for a distance of from five to eight miles, depending on atmospheric conditions," he said.

"It has been found that these rays cause a marked change in the appearance of objects. An airplane, for instance, could be painted with an enemy insignia which, however, would not mislead friendly troops equipped with special binoculars by which the true insignia would be visible. A camouflaged plane would thus be saved from attack by the anti-aircraft batteries on its own side.

"This property of certain pigments and dyes to alter their relative luminosity when illuminated by near infrared rays is now being used to produce stage effects. A drop can be painted so as to represent a summer scene under ordinary light and a winter scene under near infra-red rays."

BOAT CLUB MEETS FOR THE FIRST TIME

Senior and Junior Class Crews Abolished—Election of Officers, Held

Several innovations were made in the crew policy for the coming season, at the first meeting of the Technology Boat Club which was held at the boat-house last night. This year the class crews of the Junior and Senior classes will be eliminated, thereby enabling Coach Haines to give all of his attention to the Varsity and Field Day eights. There will be no class championship races for the possession of the class crew championship banner which was won last year by the class of '28.

It was decided that there would be three varsity crews during the remainder of the fall season and in this way the varsity eights now rowing would remain intact. Instead of working on the machines as has always been the custom during the winter, the varsity men will be required to substitute some winter sport for crew, and in this manner keep in condition.

A standard jersey was adopted for the various varsity crews which will be red for the Varsity outfit, gray for the J. V.'s and striped red and gray for the 150's. Officers of the Boat Club elected last night are as follows: Pres. M. M. Greer '26; Vice-Pres., J. F. Collins '27; Sec.-Treas., D. B. King '26

TIMBIE SCORES LONE POINT FOR FACULTY

When Professor Timbie of the Electrical Engineering department took Yates into camp to the tune of two up and one to play, that one match decided the golf championship between the Faculty and the undergraduates. If Jupiter Pluvius had not interfered, the undergraduates might have come through on the long end of the team score, but the deluge that showered down prevented any other match being played.

Three matches had been scheduled between the Institute golf team and members of the Faculty that are adept in wielding the mighty driver and helpful niblick; the above match being the only one to materialize. Yates put up a fine fight against Professor Timbie, and tried hard to even the match on the seventeenth green, but such was not the fate the golf gods had in store for him. Such was the fate that gave the Faculty the golf championship of the Institute.

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Sports Desk

Just before this issue went to press it was learned from an authentic source that yesterday afternoon, there were actually enough candidates reported for the freshman and Sophomore tug-of-war teams to make, by combining the men of both classes, half of one regular team, or in other words 13 men were present for the tug-of-war practice.

Just why this extreme laxity on the part of the two lower classes in reporting for the rope-pulling sport seems to prevail, has been quite a puzzle.

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"Misdirected labor, though honest and well intentioned, may lead to naught. Among the most important things for the student to learn is how to study. Without knowledge of this his labor may be largely in vain." Prof. G. F. Swain, M.I.T.

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Seen and Heard At The Smoker Friday

"Smokes, women, and song," to paraphrase an old expression, were the keynotes of last Friday's All-Technology Smoker. Speeches were also given, but they could not equal the popularity of the first three.

* * * * *

Rather pessimistic concerning the future of the Class of 1929 was Professor Rogers in his talk on the Musical Clubs and Tech Show. Not only did he say that members of that class would have a chance to win the spotlight in their "first freshman year," but he also said that each of the musical clubs, in its managerial department, has room for "three permanent freshmen."

* * * * *

"There are four scheduled contests on Field Day," Dr. Rowe told the freshmen. And Dave Shepherd, in his speech accepting the key to Walker Memorial, said, "The death rate in Boston is at present lower than that of Chicago. On Field Day, please try to keep it so." It seems that there is some doubt regarding the innocence of our most cherished tradition.

* * * * *

"The splendid equipment of desks and chairs in the publications offices now," said Peck, of the Advisory Council on publications, "reminds me of my undergraduate days, when the wall was our desk, the floor our chair, and we were lucky to have a chance to use either." Can't you imagine the activities men of those days, like black angels, "suspended betwixt earth and heaven?"

* * * * *

"It is easy enough for me to understand why I was picked to talk about Tech Show tonight," said Professor Rogers, "since I've practically grown up with it. I've been connected with it, man and boy, for about twelve years."

* * * * *

O. B. Denison was certainly kept busy by the storm of requests for songs that greeted him all the time he was on the stage. The boys couldn't get enough of him, and he received even more applause than the girls who performed, which, on an occasion like last Friday's, is quite a bit to say.

* * * * *

Speaking of those vaudeville girls, the crowd moved up rather suddenly toward the front of the hall when their coming was announced. A group of reporters who had to keep in front in order to tell the rest of the school what it was all about were forced up so that their notebooks rested on the stage; and when the girls kicked over the place where the footlights should have been, they were forced to duck to avoid being hit. As it was, one of them had his fingers stepped on.

MANY ATTEND SMOKER IN SPITE OF STORM

(Continued from page 1)

wished the new men success in their work at the Institute.

The presentation of the key to Walker Memorial was done by Dr. S. C. Prescott, the second vice-president of the Alumni Association. In presenting the key to the building, Dr. Prescott stated that he was pleased with the spirit that had been shown. In behalf of the student body D. A. Shepard '26, president of the Senior class, accepted the key. Shepard said that the undergraduates realized the trust that went with the acceptance, and that they believed the confidence not misplaced. K. S. Lord '26 followed with the presentation of the Technique Cup to the high point winner for the past year, G. J. Leness '26.

The awarding of the cup was followed by a vaudeville skit which proved to be very entertaining, especially to the freshmen, who were camped in the front rows. As a fitting ending, the Smoker finished with the Stein Song.

PHILIPPINE ALUMNI GATHER AT MANILA

Last summer the Alumni in the Philippines formed a club with headquarters at Manila. The organization has already been authorized by the executive committee of the Alumni Association and is known as the Technology Club of the Philippines. The formation took place at a dinner held in Manila on the evening of June 11, simultaneously with the Jamboree Dinner of the All-Technology Reunion at Mechanics Hall in Boston.

The officers of the club are: Richard McKay, '21 president; Capt. G. R. Lamb '24, Secretary-Treasurer. According to O. B. Dennison '11, the club has been very active since its formation and has already issued a most attractive directory.

The Technique Cup



Awarded to G. J. Leness, Highest Point Man of 1924-25.

Notices and Announcements

OFFICIAL

FRESHMAN MILITARY SCIENCE

Freshmen excused from Military Science because of physical disability must take that part of MS 11 involving lectures. They should register for MS 11 and report to classes at the start of the lecture course which will be, weather permitting, November 9.

CHEMICAL WARFARE

All members of the advanced unit, Chemical Warfare, will report to the office of the officer in charge of the unit at least once each week in person. Each individual will check his name on the bulletin board in the space provided therefor.

DEPARTMENT OF PHYSICS

Course 8.31 in Elements of Tensor Calculus will hereafter be given in room 4.231 from 10 to 11 on Wednesdays. Students planning to take Course 8.38, Theory of Relativity, to be given during the second term by Professor DeDonder of the University of Brussels, are strongly advised to take this course.

PHYSICAL EXAMINATION

Physical examination of all new students entering the Institute is compulsory. Please make appointments at the Department of Hygiene, Room 3-019 as soon as possible.

PHYSICAL TRAINING

All freshman who wish to substitute sport for Physical Training classes must sign up in the office of the Physical Director, room 335, Walker Memorial, before 12 o'clock Saturday, October 24. The following sports may be substituted: Track, Crew, Swimming, Boxing, Wrestling, Fencing, Gym Team, and Basketball.

PHYSICAL TRAINING

All freshmen who are going to register for Physical Training should sign up at once for strength tests in Room 335 Walker.

UNDERGRADUATE

CREW MANAGERIAL COMPETITION

All candidates for the crew managerial competition are requested to report at the boathouse any night after 4.

FRESHMAN FOOTBALL

There will be freshman football practice every afternoon at 4 on Tech Field. On your toes, frosh.

SWIMMING MANAGERS

There is an opening this fall for two Sophomore and four freshman candidates for assistant managers of the swimming team. All men interested should report to the A. A. office at once.

TUG-OF-WAR

Candidates report every night at 5.00 P. M. Freshmen report in back of track house and Sophomores by rifle range. More men are needed.

THE TECHTONIANS

Rehearsal at 5 tonight in North Hall, Walker. A sousaphone or bass viol player is needed. Anyone playing a bass instrument is requested to try out as soon as possible.

DARTMOUTH MEN

The Dartmouth Club of M. I. T. will hold its first Luncheon Meeting of the year Friday at 1 in the Grill. All Dartmouth men are urgently requested to be present.

A. S. M. E.

The M. I. T. Post, Society of American Military engineers, will hold a business meeting Wednesday night, October 14, 7:30 p. m. in the Faculty Dining Room, Walker. All members of the Engineer R. O. T. C. Unit are urged to be present.

FRESHMEN SECTION LEADERS

A meeting of the freshmen section leaders will be held today at 5 in Room 2-290. Attendance of all members is very important.

M. I. T. MATH. CLUB

Professor W. S. Franklin will speak on "Should Scientific Education be Ameliorated." Friday evening at 8 o'clock West lounge, Walker. Come and bring your friends. Membership may be had at this time.

TECHNIQUE

There will be a meeting of the competitors and staff members Thursday at 5 p. m. in room 308 Walker Memorial.

E. E. SOCIETY

The Electrical Engineering Society will hold its first meeting of the year Friday night at 8:00 in North Hall, Dr. H. B. Dwight will speak. All Electricals are invited.

COMBINED PROFESSIONAL SOCIETIES

There will be a regular meeting of C. P. S. Thursday at 5:00 o'clock in room 3-312.

MENORAH SOCIETY

All Jewish students at Technology are invited to attend a smoker of the Menorah Society to be held this evening at 7:30 o'clock in north hall, Walker. Chancellor Henry Hurwitz will speak.

FRESHMEN RIFLE TRAINING

A limited number of freshmen who have never shot before may obtain instruction from a regular army man at the Rifle Range near the running track in back of the Institute buildings. Practise will probably be held on Tuesday mornings. Men should enroll with Lt. Levy in 3-307 before Friday, October 16.

Classical Studies Given First Place By Schools Abroad

An inquiry conducted into the study and teaching of the classics in England, France and Germany by the American Classical League throws some interesting sidelights on the ideas of education prevailing here and abroad. Parts of the report and comments contained in it were published by the Rensselaer Polytechnic and are printed below.

Commentaries of the leading German educators show the trend of thought regarding the classics in that country.

"If Latin is no longer the universal literary language," writes Paulsen, "it is still the language without which a deep historical education is impossible."

"He who undertakes Latin has the possibility of stepping out of the narrow circle of the present. He has access to a world that lies entirely beyond the interests and passions of the day, a world that has become historical."

"In Latin," writes Dr. Jaeger, another critic, "the youth according to the various stages of development, acquires the whole range of moral ideas in the various fields. He acquires religious, political, social and other ideas—state, right, friendship, love, constitution, justice and whatever else there may be. The effort employed in learning Latin is particularly productive work."

"Science implies not merely the acquisition of truth but the creation of truth, and this productive work is performed already in the first small sentence that the first-year pupil translates into Latin."

English Pupils Mature Earlier

One important point to be emphasized is that the English pupil as a rule reaches the standards expected from an American public high school graduate from one to two years younger, while in the schools which retain pupils to eighteen—that is, those which complete a six or seven-year course in Latin—the work of the last two years reaches the level of college work in this country.

The whole theory underlying English secondary education is contained in the following brief statement:

"It has been well said that the purpose of education is not so much to prepare children for their occupations as to prepare them against their occupations. It must develop in them the powers and interest that will make them in later life the masters and not the slaves of their work."

French Scholars More Thorough

Dr. F. E. Farrington, an American authority on French education, contrasting American and French methods in classical instruction, says: "Time for time in his classical studies, the French boy covers just about as much ground as his American cousin, but on the whole does his work more thoroughly and knows it better."

And English authority, Mr. Cloudsley Brereton, adds: "The great difference in the study of classics between in English and a French school is that the English boy mainly studies the classics for their own sakes, the French boy for the assistance they give to a fuller and more complete expression and understanding of his native language."

The French boy is taught by scholars who are thoroughly familiar with their subjects. Indeed, the charge has frequently been made that the teachers are more interested in their subjects than in their pupils.

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